I. AMENDMENTS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently amended) A method for modulating cardiac control in a body, comprising the steps of:

providing a treatment member, said treatment member being adapted to be in communication with the body;

providing a plurality of waveform signals representative of waveform signals generated in the body and carried by neurons in the body, said plurality of waveform signals including first waveform signals operative in the control of cardiac function, said plurality of waveform signals being stored in a storage medium;

~~a. selecting from a storage area one or more waveforms representative of waveforms generated in the body and carried by neurons in the body~~ generating at least a second waveform signal from said first waveform signals, said second waveform signal being operative in the control of cardiac function;

[[b.]] transmitting ~~the selected waveforms~~ said second waveform signal to [[a]] said treatment member ~~in contact with the body~~; and

[[c.]] broadcasting ~~the selected waveforms~~ said second waveform signal from [[the]] said treatment member directly to a cardiac regulatory point in the body.

Claim 2. (Currently amended) The method ~~according to claim~~ of Claim 1, ~~in which step "a" further includes selecting said waveforms from a~~ wherein said storage [[area]] medium comprises a memory region in a computer.

Claim 3. (Currently amended) The method ~~according to claim~~ of Claim 1, ~~in which step "b" further comprises~~ wherein said step of transmitting ~~the selected waveforms~~ said second waveform signal comprises remotely transmitting said second waveform signal to [[the]] said treatment member.

Claim 4. (Currently amended) The method ~~according to claim~~ of Claim 1, ~~in which step "b" further~~ wherein said step of transmitting said second waveform signal comprises seismic transmission of ~~the selected waveforms~~ said second waveform signal to said treatment member.

Claim 5. (Currently amended) The method ~~according to claim~~ of Claim 1, ~~in which step "b" further comprises the~~ wherein said treatment member is adapted to be implanted within the body.

Claim 6. (Currently amended) An apparatus for modulating cardiac control in a body, comprising:

[[a.]] a source of collected ~~waveforms~~ waveform signals indicative of body organ functioning, said waveform signals including first waveform signals that are operative in the control of cardiac function;

[[b.]] a treatment member ~~formed to be in direct contact~~ adapted to be in communication with the body, said treatment member being further adapted to broadcast said first waveform signals directly to a cardiac regulatory point in the body; and

~~c. means for transmitting one or more of the collected waveforms~~ a transmission apparatus adapted to transmit said first waveform signals to [[the]] said treatment member. ~~; and~~

~~d. means for broadcasting the collected waveforms from the treatment member to a blood pressure regulatory point in the body to modulate cardiac control.~~

Claim 7. (Currently amended) The apparatus ~~according to claim 5~~ of Claim 6, ~~in which~~ wherein said ~~transmitting means~~ transmission apparatus includes a digital to analog converter.

Claim 8. (Currently amended) The apparatus ~~according to claim 5~~ of Claim 6, ~~in which~~ wherein said source comprises a computer having said collected ~~waveforms~~ waveform signals stored in digital format.

Claim 9. (Currently amended) The apparatus ~~according to claim 7~~ of Claim 8, ~~in which~~ wherein said computer includes separate storage areas for collecting ~~waveforms~~ waveform signals of different cardiac control functional categories.

Claim 10. (Currently amended) The apparatus ~~according to claim 5~~ of Claim 6, ~~in which the~~ wherein said treatment member ~~comprises~~ includes an antenna for broadcasting ~~cardiac control~~ said first waveform signals.

Claim 11. (Currently amended) The apparatus ~~according to claim 5~~ of Claim 6, ~~in which the~~ wherein said treatment member comprises an electrode.

Claim 12. (Currently amended) The method ~~according to claim 5~~ of Claim 6, ~~in which the~~ wherein said treatment member is adapted to be implanted within the body.

Claim 13. (New) The method of Claim 1, wherein said treatment member is adapted to be in contact with the body.

Claim 14. (New) The apparatus of Claim 6, wherein said treatment member is adapted to be in contact with the body.

Claim 15. (New) A method for modulating cardiac control in a body, comprising the steps of:

providing a treatment member, said treatment member being adapted to be implanted in the body;

providing a plurality of waveform signals representative of waveform signals generated in the body and carried by neurons in the body, said plurality of waveform signals including first waveform signals operative in the control of cardiac function;

generating at least a second waveform signal from said first waveform signals, said second waveform signal being operative in the control of cardiac function; and

transmitting said second waveform signal to said treatment member; and

broadcasting said second waveform signals from said treatment member directly to a cardiac regulatory point in the body.

Claim 16. (New) The method of Claim 15, wherein said cardiac regulatory point comprises a point selected from the group consisting of the vagus nerve, hypothalamus region of the brainstem, medulla region of the brainstem and medullopontine region of the brainstem.

Claim 17. (New) An apparatus for modulating cardiac control in a body, comprising:

a source of collected waveform signals indicative of body organ functioning, said waveform signals including first waveform signals operative in the control of cardiac function;

a treatment member adapted to be implanted in the body, said treatment member being further adapted to broadcast said first waveform signals directly to a cardiac regulatory point in the body; and

a transmission apparatus adapted to transmit said first waveform signals to said treatment member.